### **AERIE PHARMACEUTICALS INC**

Form 4

December 24, 2014

### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

**OMB** 3235-0287 Number:

**OMB APPROVAL** 

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** 

January 31, Expires: 2005

Section 16. Form 4 or Form 5 obligations

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

Estimated average burden hours per response... 0.5

may continue. See Instruction

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Last)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person \* Clarus Lifesciences II, L.P.

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to

(Middle)

Symbol

(Check all applicable)

AERIE PHARMACEUTICALS INC

[AERI]

Director X 10% Owner

3. Date of Earliest Transaction (Month/Day/Year)

12/22/2014

Officer (give title below)

\_\_Other (specify

C/O CLARUS VENTURES. LLC, 101 MAIN STREET, SUITE 1210

(First)

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

Form filed by One Reporting Person \_X\_ Form filed by More than One Reporting

Person

Issuer

CAMBRIDGE, MA 02142

(State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securit on(A) or Dis (Instr. 3, 4	sposed	of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	12/22/2014		S	49,441	D	\$ 30.36 (1)	3,603,866	D (2)	
Common Stock	12/23/2014		S	263	D	\$ 30	3,603,603	D (2)	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control

### number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title	e of 2.	3	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	le and	8. Price of	9. Nu
Deriva	tive Convers	sion (I	Month/Day/Year)	Execution Date, if	Transactio	nNumber	Expiration D	ate	Amou	ınt of	Derivative	Deriv
Securit	ty or Exerc	cise		any	Code	of	(Month/Day/	Year)	Under	rlying	Security	Secui
(Instr.	<ol><li>Price of</li></ol>			(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	rities	(Instr. 5)	Bene
	Derivati	ive				Securities			(Instr.	. 3 and 4)		Own
	Security	7				Acquired						Follo
	_					(A) or						Repo
						Disposed						Trans
						of (D)						(Instr
						(Instr. 3,						
						4, and 5)						
										A mannt		
										Amount		
							Date	Expiration	TC'41	or		
							Exercisable	Date	Title	Number		
					C-1- V	(A) (D)				of		
					Code V	(A) (D)				Shares		

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
Toporting of the Filmo, Film 1988	Director	10% Owner	Officer	Other			
Clarus Lifesciences II, L.P. C/O CLARUS VENTURES, LLC 101 MAIN STREET, SUITE 1210 CAMBRIDGE, MA 02142		X					
Clarus Ventures II GP, L.P. C/O CLARUS VENTURES, LLC 101 MAIN STREET, SUITE 1210 CAMBRIDGE, MA 02142		X					
Clarus Ventures II, LLC C/O CLARUS VENTURES, LLC 101 MAIN STREET, SUITE 1210 CAMBRIDGE, MA 02142		X					
GALAKATOS NICHOLAS C/O CLARUS VENTURES, LLC 101 MAIN STREET, SUITE 1210 CAMBRIDGE, MA 02142		X					
HENNER DENNIS C/O CLARUS VENTURES, LLC 101 MAIN STREET, SUITE 1210 CAMBRIDGE, MA 02142	X	X					
LIPTAK ROBERT C/O CLARUS VENTURES, LLC 101 MAIN STREET, SUITE 1210		X					

Reporting Owners 2

### CAMBRIDGE, MA 02142

Simon Nicholas

C/O CLARUS VENTURES, LLC 101 MAIN STREET, SUITE 1210

CAMBRIDGE, MA 02142

STEINMETZ MICHAEL

C/O CLARUS VENTURES, LLC 101 MAIN STREET, SUITE 1210

CAMBRIDGE, MA 02142

WHEELER KURT

C/O CLARUS VENTURES, LLC 101 MAIN STREET, SUITE 1210

CAMBRIDGE, MA 02142

# **Signatures**

/s/ Robert Liptak

/s/ Robert Liptak, Manager of Clarus Ventures II, LLC, general partner of Clarus Ventures II GP, L.P., general partner of Clarus Lifesciences II, L.P.

\*\*Signature of Reporting Person

X

Date

12/24/2014

/s/ Robert Liptak, Manager of Clarus Ventures II, LLC, general partner of Clarus Ventures II GP, L.P.

12/24/2014

\*\*Signature of Reporting Person

Date

/s/ Robert Liptak, Manager of Clarus Ventures II, LLC

12/24/2014

\*\*Signature of Reporting Person

\*\*Signature of Reporting Person

Date

/s/ Robert Liptak, on behalf of Dennis Henner

/s/ Robert Liptak, on behalf of Nicholas Galakatos

12/24/2014 Date

12/24/2014

\*\*Signature of Reporting Person

Date

12/24/2014

\*\*Signature of Reporting Person

Date

/s/ Robert Liptak, on behalf of Nicholas Simon

/s/ Robert Liptak, on behalf of Kurt Wheeler

12/24/2014

\*\*Signature of Reporting Person

Date

/s/ Robert Liptak, on behalf of Michael Steinmetz

12/24/2014 Date

\*\*Signature of Reporting Person

\*\*Signature of Reporting Person

12/24/2014

Date

Signatures 3

# **Explanation of Responses:**

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- The price reflected is the weighted-average sale price for shares sold. The range of sale prices for the transactions reported was 30.00 to (1) 30.90 per shares. The reporting person undertakes to provide, upon request by the SEC staff, the issuer, or a secuirty holder of the issuer, full information regarding the number of shares sold at each separate price.
  - Securities held of record by Clarus Lifesciences II, L.P. ("Clarus"). Clarus Ventures II GP, L.P. (the "GPLP"), as the sole general partner of Clarus, may be deemed to beneficially own certain of the shares held of record by Clarus. The GPLP disclaims beneficial ownership of all shares held of record by Clarus in which the GPLP does not have an actual pecuniary interest. Clarus Ventures II, LLC (the
- (2) "GPLLC"), as the sole general partner of the GPLP, may be deemed to beneficially own certain of the shares held of record by Clarus. Each of Messrs. Galakatos, Henner, Liptak, Simon, Steinmetz and Wheeler, as individual Managing Directors of the GPLLC, may be deemed to beneficially own certain of the shares held of record by Clarus. Each of the GPLLC and Messrs. Galakatos, Henner, Liptak, Simon, Steinmetz and Wheeler disclaims beneficial ownership of all shares held of record by Clarus in which it or he, as applicable, does not have an actual pecuniary interest.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.